

AMENDMENTS TO THE CLAIMS:

Amend the claims as follows:

1. (Currently Amended) A method for producing a biological platform containing a pharmacologically active coating, said method comprising applying to at least a portion of a surface of a biological platform an inhibitor of synthesis of an Use of regulators, in particular of inhibitors of the synthesis of the extracellular matrix, of cell proliferation and migration, and of inflammation, to produce said biological platform containing a pharmacologically active coating in order to develop a pharmacologically active coating on a biological platform, in particular a prosthesis.

2. (Currently Amended) The method of claim 1 or claim 6, Use according to claim 1, characterized in that said regulators are chosen from wherein said inhibitor is selected from the group consisting of decorin and/or a peptide fragment of decorin, or a chemically modified derivative of decorin and/or of a peptide fragment thereof of decorin.

Claim 3. (Canceled)

4. (Currently Amended) An endoluminal prostheses comprising a surface coating of Platforms or prostheses according to claim 3, characterized in that they contain a therapeutically effective quantity of decorin and/or of a peptide fragment of decorin, or a chemically modified derivative of decorin and/or of a fragment of decorin.

5. (Currently Amended) A stent comprising a surface coating of a therapeutically effective quantity of decorin and/or of a peptide fragment of decorin, or a chemically modified derivative of decorin and/or of a fragment of decorin ~~Platforms or prostheses according to claim 3, characterized in that they are implantable devices or endoluminal prostheses, in particular endovascular, urological, respiratory or digestive prostheses.~~

6. (new) The method of claim 1 wherein said biological platform is a prosthesis.